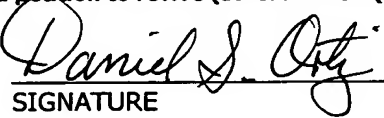


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| Form PTO-1390 (Rev. 12-2004)      US PATENT AND TRADEMARK OFFICE; US DEPARTMENT OF COMMERCE  |  | ATTORNEY'S DOCKET NO.<br><b>C 2678 PCT/US</b>   |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | U.S. APPLICATION NO. (if known see 37 CFR 1.5)<br><div style="font-size: 1.5em; font-weight: bold;">10/534307</div> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2003/012044</b>  | INTERNATIONAL FILING DATE<br><b>October 30, 2003</b> | PRIORITY DATE CLAIMED<br><b>November 8, 2002</b>  |
| TITLE OF INVENTION<br><b>METHOD FOR THE PRODUCTION OF AN ESTER</b>   |  |   |
| APPLICANT(S) FOR DO/EO/US<br><b>Thomas Albers, Michael Neuss, Heiko Kraus</b>  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>(COPY OF PCT REQUEST EXECUTED BY ALL INVENTORS)</b></li> <li>10. <input type="checkbox"/> A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:</li> </ol> |  |   |
| <b>International Search Report (with Information Disclosure Citation and References)</b>   |  |   |
| <b>"Express Mail Post Office to Addressee" service Mailing Label Number <u>EV530260334US</u></b>   |  |   |

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| U.S. Application No. (If known, see 37 CFR 1.5)<br><b>10/534307</b>  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2003/012044</b>                     |              | ATTORNEY'S DOCKET NUMBER<br><b>C 2678 PCT/US</b>  |                     |
| The following fees have been submitted   |              |   |              | <b>CALCULATIONS</b>   | <b>PTO USE ONLY</b> |
| 21. ■ Basic national fee..... \$300  |              |   |              | \$ 300  |                     |
| 22. ■ Examination fee<br>If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100<br>All other situations..... \$200  |              |   |              | \$ 200  |                     |
| 23. ■ Search fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an:<br>International Searching Authority..... \$100<br>International Search Report prepared and provided to the Office..... \$400<br>All other situations..... \$500  |              |   |              | \$ 400  |                     |
| <b>TOTAL OF 21, 22 and 23 =</b>  |              |   |              | <b>\$ 900</b>   |                     |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |              |   |                     |
| Total Sheets   | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE         |   |                     |
| 14 - 100 =   | 0/50 =       | 0   | x \$250.00   | \$ 0  |                     |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |              | \$ 0  |                     |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE         |   |                     |
| Total Claims   | 20 - 20 =    | 0   | 0 X \$50.00  | \$ 0  |                     |
| Independent Claims   | 1 - 3 =      | 0   | 0 X \$200.00 | \$ 0  |                     |
| MULTIPLE DEPENDENT CLAIMS (S) (if applicable)  |              |   | 0 + \$360.00 | \$ 0  |                     |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |              | <b>\$ 900</b>   |                     |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |              | \$ 0  |                     |
| <b>SUBTOTAL =</b>  |              |   |              | <b>\$ 900</b>   |                     |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |              | \$ 0  |                     |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |              | <b>\$ 900</b>   |                     |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property  |              |   |              | \$ 0  |                     |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |              | <b>\$ 900</b>   |                     |
|  |              |   |              | Amount to be refunded:  | \$-----             |
|  |              |   |              | Amount to be charged:   | <b>\$900.00</b>     |
| a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.<br>b. ■ Please charge my Deposit Account No. <u>50-1177</u> in the amount of <b>\$900.00</b> to cover the above fees. A triplicate copy of this sheet is enclosed. Order No. <u>05-0174</u> .<br>c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1177</u> . A triplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.<br><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</b> |              |   |              |   |                     |
| SEND ALL CORRESPONDENCE TO:  |              | <b>Customer Label No. 23657</b>   |              | <br>SIGNATURE |                     |
|  |              |   |              | Daniel S. Ortiz<br>NAME ATTORNEY FOR APPLICANT<br><u>25,123</u><br>REGISTRATION NUMBER            |                     |